

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) LaSalle County Station Unit 1										DOCKET NUMBER (2) 0 5 0 0 0 3 1 7 3										PAGE (3) 1 OF 0 2															
TITLE (4) Reactor Water Cleanup Isolation on Pump Room Differential Temperature																																			
EVENT DATE (5)						LER NUMBER (6)						REPORT DATE (7)						OTHER FACILITIES INVOLVED (8)																	
MONTH		DAY		YEAR		YEAR		SEQUENTIAL NUMBER		REVISION NUMBER		MONTH		DAY		YEAR		FACILITY NAMES				DOCKET NUMBER(S)													
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0 6		1 5		8 4		8 4		0 3 1		0 0 7		0 6		8 4						0 5 0 0 0 0															
OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)																																	
1		20.402(b)										20.406(c)										X		80.73(a)(2)(iv)										73.71(b)	
POWER LEVEL (10)		20.406(a)(1)(i)										80.36(a)(1)												80.73(a)(2)(v)										73.71(a)	
1 0 0		20.406(a)(1)(ii)										80.36(a)(2)												80.73(a)(2)(vi)										OTHER (Specify in Abstract below and in Text, NRC Form 366A)	
		20.406(a)(1)(iii)										80.73(a)(2)(i)												80.73(a)(2)(vii)(A)											
		20.406(a)(1)(iv)										80.73(a)(2)(ii)												80.73(a)(2)(viii)(B)											
		20.406(a)(1)(v)										80.73(a)(2)(iii)												80.73(a)(2)(ix)											
LICENSEE CONTACT FOR THIS LER (12)																																			
NAME Wayne R. Luett, extension 244																TELEPHONE NUMBER AREA CODE 811 15 315 17 1-16 7 16 11																			
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																																			
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC																									
X	CE	Z 9 9 9	Z 9 3 9	N																															
SUPPLEMENTAL REPORT EXPECTED (14)																EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR															
YES (If yes, complete EXPECTED SUBMISSION DATE)																X NO																			

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

The Unit 1 Reactor Water Cleanup System (CE) isolated due to high pump room differential temperature. The high differential temperature was created when the normal ventilation was shut down and containment vent and purge was operated. The flow was reduced by a factor of ten. This lower flow maintained inlet room temperature but was not high enough to remove the room's heat which is measured at the exit. This caused the system to isolate per design. To correct this problem, the station will review procedures for administrative changes to identify and possibly prevent recurrence of the isolation.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
LaSalle County Station Unit 1	0500037384	84	031	00	02	OF 02

TEXT (If more space is required, use additional NRC Form 308A's) (17)

I. EVENT DESCRIPTION

While performing LOS-CS-Q1, "Secondary Containment Damper Operability Test," (VA) which isolates the Reactor Building ventilation (VA) an isolation occurred on the Reactor Water Cleanup System (RWCU, CE). The trip was caused by high pump room differential temperature. During the performance of this test the Reactor Building ventilation is shut down with Containment Vent and Purge System (VA), running to maintain negative pressure in the secondary containment.

II. CAUSE

The shutting down of the Reactor Building ventilation reduces air flow in the building by a factor of ten. The lower air flow is enough to maintain the inlet temperature sensor, but is not high enough to dissipate the heat from the pump, and the outlet temperature rises to the point that the 13°F differential temperature is reached and the isolation occurs.

III. PROBABLE CONSEQUENCES OF THE OCCURRENCE

The isolation occurred per system design and would have prevented a radioactive liquid release to the Reactor Building. The isolation signal cleared once normal ventilation was established and Reactor Water Cleanup was restarted.

IV. CORRECTIVE ACTIONS

A caution will be placed in any surveillance which shuts down the Reactor Building ventilation that could cause this isolation. Action Item Record 1-84-67100 has been written to track the completion of the investigation for procedure changes.

V. PREVIOUS EVENTS

None.

VI. NAME AND TELEPHONE NUMBER OF PREPARER

Wayne R. Luett, (815)357-6761, extension 244.



Commonwealth Edison
LaSalle County Nuclear Station
Rural Route #1, Box 220
Marseilles, Illinois 61341
Telephone 815/357-6761

July 6, 1984

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, D.C. 20555

Dear Sir:

Reportable Occurrence Report #84-031-00, Docket #050-373 is being submitted to your office in accordance with 10 CFR 50.73.

C.E. Sargent
for G. J. Diederich
Superintendent
LaSalle County Station

GJD/MLD/kg

Enclosure

xc: NRC, Regional Director
INPO-Records Center
File/NRC

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